

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer-readable medium having embodied thereon a computer program configured to generate data subscriptions, the medium comprising one or more code segments configured to:

receive user input identifying a publication to be used to create data subscriptions, the publication being one of multiple predetermined publications identifying a type of data capable of being distributed to data sites;

receive user input identifying a distribution criterion by which data is to be distributed to data sites by subscriptions automatically generated without human intervention;

store, in computer-readable medium for later access, subscription-generation information including the identified publication and the identified distribution criterion;

access, using a first computer system, the subscription-generation information identifying the publication and the distribution criterion; a type of data to be distributed to data sites, each data site corresponding to a computer system that is distinct from the first computer system;

access, using the first computer system, information identifying a distribution criterion that defines the basis upon which the type of data is to be distributed to the data sites;

access, using [[a]] the first computer system and the accessed subscription-generation information, application data of various data types, including the type of data identified by the subscription-generation information; to be distributed to the data sites;

generate, using [[a]] the first computer system, data subscriptions for the publication type of data to be distributed to data sites corresponding to computer systems that are distinct from the first computer system, the computer systems and the first computer system being connected in a network of distributed computer systems operating an application program having the

application data of the various data types, wherein each data subscription 1) is generated automatically by the first computer system based only on the type of data to be distributed to data sites, the accessed application data, and the distribution criterion and 2) identifies a portion of the application data to be distributed to one or more of the data sites of the second computer system; [[and]]

generate assignments of data sites to the generated data subscriptions, the assignments being generated based on application data, using the first computer system, and automatically without human intervention;

store, in computer-readable medium for later access, the generated assignments; and
distribute a portion of the application data to the data sites corresponding to computer systems, the distribution being based on the data subscriptions generated by the first computer system and the generated assignments.

2. (Previously Presented) The medium of claim 1 wherein the one or more code segments are further configured to:

access information related to data sites wherein the data site information includes attributes and attribute values associated with a particular data site; and

associate a particular data site with a particular data subscription based on the data site information being related to the portion of application data to be distributed in the particular data subscription.

3. (Previously Presented) The medium of claim 1 wherein the type of data to be distributed to data sites comprises a business object type.

4. (Cancelled)

5. (Previously Presented) The medium of claim 1 wherein:
the distribution criterion comprises an attribute of the type of data to be distributed, and

the generation of data subscriptions comprises generating data subscriptions wherein each data subscription is generated based on the attribute of the type of data to be distributed to data sites.

6. (Previously Presented) The medium of claim 1 wherein:

the distribution criterion comprises a distribution criterion based on a relationship of a portion of the application data with an employee that uses a data site, and

the generation of data subscriptions comprises generating data subscriptions wherein each data subscription is generated based on the relationship of the portion of the application data with the employee that uses the data site.

7. (Currently Amended) A system for generating data subscriptions, the system comprising:

a central system having a central database storing application data of various data types for an application program, [[and]] storing data subscriptions to receive portions of the application data and configured to assignments of data subscriptions to distributed systems such that each assignment identifies a particular data subscription and a particular distributed system that is to receive a portion of the type of application data that corresponds to the distribution criteria for the type of application data included in the data subscription; and

distributed systems having local databases of which at least some local databases include different portions of the application data from the central database,
wherein:

the data subscriptions for types of application program data are automatically generated by the central system based only on (1) the type of data to be distributed, the application data stored at the central system, and a distribution criteria for a type of application data, and (2) identifies a portion of the application data to be distributed to the local databases of the distributed systems,

the assignments of data subscriptions are automatically generated based on the application data and the distribution criterion, and

portions of the application data from the central database are distributed to the distributed systems based on the generated data subscriptions and assignments generated by the central system.

8-9. (Cancelled)

10. (Original) The system of claim 7 wherein the central system also stores assignments of employees to distributed systems such that each assignment identifies a particular employee and a particular distributed system that is to receive a portion of the type of application program data that corresponds to the particular employee based on the distribution criteria for the type of application program data included in the data subscription.

11. (Original) The system of claim 10 wherein assignments of employees are automatically generated based on (1) the application data and (2) the distribution criteria.

12. (Original) The system of claim 7 wherein the distribution criterion comprises an attribute of the type of data to be distributed.

13. (Original) The system of claim 7 wherein the distribution criterion comprises a distribution criterion based on a relationship of a portion of the application data with an employee that uses a data site.

14. (Cancelled)

15. (Currently Amended) A method for generating data subscriptions, the method comprising:

receiving user input identifying a publication to be used to create data subscriptions, the publication being one of multiple predetermined publications identifying a type of data capable of being distributed to data sites;

receiving user input identifying a distribution criterion by which data is to be distributed to data sites by subscriptions automatically generated without human intervention;

storing, in computer-readable medium for later access, subscription-generation information including the identified publication and the identified distribution criterion;

accessing, using a first computer system, the subscription-generation information identifying the publication and distribution criterion; a type of data to be distributed to data sites; each data site corresponding to a computer system that is distinct from the first computer system;

accessing, using a first computer system, information identifying a distribution criterion that defines the basis upon which the type of data is to be distributed to the data sites;

accessing, using [[a]] the first computer system and the accessed subscription-generation information, application data of various data types, including the type of data identified by the subscription-generation information; to be distributed to the data sites;

generating, using [[a]] the first computer, data subscriptions for the publication type of data to be distributed to data sites corresponding to computer systems that are distinct from the first computer system, the computer systems and the first computer system being connected in a network of distributed computer systems operating an application program having the application data of the various data types, wherein each data subscription 1) is generated automatically by the first computer system based only on the type of data to be distributed to data sites, the application data accessed at the first computer system, and the distribution criterion and 2) identifies a portion of the application data to be distributed to the data sites of the second computer system; [[and]]

generating assignments of data sites to the generated data subscriptions, the assignments being generated based on application data, using the first computer system, and automatically without human intervention;

store, in computer-readable medium for later access, the generated assignments; and

~~distribute~~ distributing a portion of the application data to the data sites corresponding to computer system, the distribution being based on the data subscriptions generated by the first computer system and the generated assignments.

16. (Original) The method of claim 15 further comprising:
accessing information related to data sites wherein the data site information includes attributes and attribute values associated with a particular data site; and
associating a particular data site with a particular data subscription based on the data site information being related to the portion of application data to be distributed in the particular data subscription.

17. (Original) The method of claim 15 wherein the type of data to be distributed to data sites comprises a business object type.

18. (Cancelled)

19. (Original) The method of claim 15 wherein:
the distribution criterion comprises an attribute of the type of data to be distributed, and
the generation of data subscriptions comprises generating data subscriptions wherein each data subscription is generated based on the attribute of the type of data to be distributed to data sites.

20. (Original) The method of claim 15 wherein:
the distribution criterion comprises a distribution criterion based on a relationship of a portion of the application data with an employee that uses a data site, and
the generation of data subscriptions comprises generating data subscriptions wherein each data subscription is generated based on the relationship of the portion of the application data with the employee that uses the data site.